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Case K 221

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Lambert Feher et al

Title: CONTINUOUS FLOW MICROWAVE HEATER

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Commissioner for Patents  
Alexandria, VA 22313-1450

December 4, 2003

SIR:

INFORMATION DISCLOSURE STATEMENT - SECTION 1.97(b)

Under the provisions of 37 C.F.R. Section 1.56, and in accordance with 37 C.F.R. Sections 1.97 and 1.98, applicants' representative hereby submits US Patent & Trademark Office Form PTO-1449. Copies of the references cited therein are submitted for consideration in the examination of the above-referenced patent application. It is respectfully requested that they be made of record, along with whatever references the Examiner may find in the course of a search, should the Examiner consider them material to the subject application.

The reference has been in the international Search report. It has been marked "A" as relating only to background information with regard to the present application. The reference does not disclose that, In a continuous flow microwave heater for heating a fluid including a microwave source connected to an applicator so as to supply microwave energy to the applicator, the applicator is a rectangular block-like resonator space with

opposite front walls and side walls with a microwave in-coupling opening in one of the side walls through which the microwave energy is supplied to the resonator space in which a linearly polarized base mode  $TE_{10}$  is excited. A dielectric tube extends through the resonator space to conduct the fluid to be heated through the applicator, the dielectric tube being so arranged that the microwave energy supplied to the applicator is completely dissipated into the fluid flowing through the dielectric tube.

This Statement is hereby submitted under Section 1.97(b) since it is being submitted concurrently with the filing of the above-referenced application.

Respectfully submitted,

K. Bach

Klaus J. Bach, Reg. No.: 26832

| 962<br>FORM PTO-1449   |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY. DOCKET NO.<br><b>K 221</b>         |       | SERIAL NO. |                                 |
|--|--|--|----------|--|-------|------------|---------------------------------|
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT                               |  |  |          | APPLICANT<br><b>Lambert F her et al.</b> |       |            |                                 |
| (Use several sheets if necessary)  |  |  |          | FILING DATE                              |       | GROUP      |                                 |
| <b>U.S. PATENT DOCUMENTS</b>   |  |  |          |  |       |            |                                 |
| EX<br>IN.  |  | DOCUMENT NUMBER  | DATE     | NAME                                     | CLASS | SUBCLASS   | FILINGDATE<br>IF<br>APPROPRIATE |
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| <b>FOREIGN PATENT DOCUMENTS</b>  |  |  |          |  |       |            |                                 |
|  |  | DOCUMENT NUMBER  | DATE     | COUNTRY                                  | CLASS | SUBCLASS   | TRANSLATION<br>YES      NO      |
|  |  | EP 0 765 105 A2  | 03/26/97 | EPC                                      |       |            | N/a                             |
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| <b>OTHER DOCUMENTS ( Including Author, Title, Date, Pertinent Pages, Etc.)</b> |  |  |          |  |       |            |                                 |
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| EXAMINER   |  |  |          | DATE CONSIDERED                          |       |            |                                 |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.